

## Message Text

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PAGE 01 STATE 293407  
ORIGIN ARA-14

INFO OCT-01 ISO-00 CG-00 DOTE-00 PM-05 DODE-00 L-03  
/023 R

DRAFTED BY USCG:CDR. TPNOLAN:ARA/ECA:SMYLES  
APPROVED BY ARA/ECA:RWZIMMERMANN  
-----119141 091424Z /43

R 082152Z DEC 77  
FM SECSTATE WASHDC  
TO AMEMBASSY BRASILIA  
INFO AMCONSUL RIO DE JANEIRO  
AMCONSUL BELEM  
AMCONSUL RECIFE  
CHDEL JBUSMC RIO DE JANEIRO  
COMDT US COAST GUARD WASHDC

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COMDT COGARD PASS TO G-AIA AND G-ONSOD

E.O. 11652: N/A

TAGS: MMOL, MASS, EWWT, BR

SUBJECT: OMEGA NAVIGATION SYSTEM  
REF: BRASILIA 9072 (NOTAL)

1. THE ONSOD INSTALLATION TEAM INTENDS TO UPGRADE THE  
THREE OMEGA MONITOR SITES IN BRAZIL AS FOLLOWS:

A. THE OMEGA MONITOR OPERATED BY THE OBSERVATORIO NACIONAL  
IN RIO DE JANEIRO TO BE UPGRADED DURING THE LAST TWO WEEK  
PERIOD IN JANUARY 1978. MOST PROBABLY THE LAST WEEK AFTER  
THE INSTALLATION TEAM VISITS BUENOS AIRES. OUR CONTACT AT  
THE OBSERVATORY IS MR. PAULO SILVA (TEL. 248-3353).

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B. THE OMEGA MONITORS OPERATED BY THE DEPARTMENT OF  
HYDROGRAPHY AND NAVIGATION IN BELEM AND RECIFE TO BE UP-  
GRADED DURING THE END OF FEBRUARY/BEGINNING OF MARCH 1978.  
THIS UP GRADING WILL BE DONE DURING A SEPARATE TRIP FROM  
THAT TO RIO. (PARA 1A ABOVE) OUR CONTACT AT THE DEPART-  
MENT OF HYDROGRAPHY IN RIO IS CDR A. KIFEER (TEL. 223-0314).

2. THE USCG HAS ASKED THAT YOU REQUEST APPROVAL FROM THE

GOB TO UPGRADE THE ONSOD FACILITIES DURING THE TIMEFRAME DESCRIBED IN PARA. 1. UPON YOUR NOTIFICATION OF APPROVAL THE USCG ONSOD TEAM WILL INITIATE CORRESPONDENCE DIRECTLY WITH THE PARTIES CONCERNED RELATING TO SHIPPING, CUSTOMS ETC. TO INSURE EQUIPMENT ARRIVAL TO MEET AGREED UPON SCHEDULE.

3. PRINCIPAL EFFECT OF UPGRADING OMEGA MONITORING EQUIPMENT WILL BE TO REDUCE WORKLOAD BOTH AT BRAZILIAN AND US END. NEW EQUIPMENT WILL REQUIRE LESS MAINTENANCE BY BRAZILIANS. DATA WILL BE STORED ON MAGNETIC TAPE WHICH BRAZILIANS SEND TO US. IN US DATA CAN BE FED DIRECTLY TO COMPUTER, WITHOUT MANUAL PREPARATION AS AT PRESENT. THESE MONITORING STATIONS WORKING WITH OTHERS AROUND THE WORLD PRODUCE NAVIGATIONAL CORRECTIONS FOR THE OMEGA VERY LOW FREQUENCY RADIO NAVIGATIONAL SYSTEM WHICH ARE AVAILABLE TO ANY NAVIGATOR.

CHRISTOPHER

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NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** NAVIGATIONAL AIDS  
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**Copy:** SINGLE  
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**Decaption Date:** 01-Jan-1960 12:00:00 am  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 22 May 2009  
**Disposition Event:**  
**Disposition History:** n/a  
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**Document Number:** 1977STATE293407  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** CDR. TPNOLAN:ARA/ECA:SMYLES  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Expiration:**  
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**Litigation History:**  
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**Message ID:** 57be2308-c288-dd11-92da-001cc4696bcc  
**Office:** ORIGIN ARA  
**Original Classification:** LIMITED OFFICIAL USE  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 2  
**Previous Channel Indicators:** n/a  
**Previous Classification:** LIMITED OFFICIAL USE  
**Previous Handling Restrictions:** n/a  
**Reference:** 77 BRASILIA 9072  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
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**Review Event:**  
**Review Exemptions:** n/a  
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**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
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**Subject:** OMEGA NAVIGATION SYSTEM  
**TAGS:** MMOL, MASS, EWWT, BR  
**To:** BRASILIA  
**Type:** TE  
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**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009